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CONFIRMATION NO. 8566

<b>SERIAL NUMBER</b> 09/404,597	<b>FILING OR 371(c) DATE</b> 09/24/1999 <b>RULE</b>	<b>CLASS</b> 707	<b>GROUP ART UNIT</b> 2167	<b>ATTORNEY DOCKET NO.</b> 2222.0870000	
<b>APPLICANTS</b> JOHN RAUSER, MINNEAPOLIS, MN; VALERIE GURALNIK, EDEN PRAIRIE, MN;					
<b>** CONTINUING DATA *****</b>					
<b>** FOREIGN APPLICATIONS *****</b>					
<b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED</b> <b>** 10/14/1999</b>					
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged _____ Examiner's Signature _____ Initials _____		<b>STATE OR COUNTRY</b> MN	<b>SHEETS DRAWING</b> 9	<b>TOTAL CLAIMS</b> 28	<b>INDEPENDENT CLAIMS</b> 3
<b>ADDRESS</b> 28393					
<b>TITLE</b> OPTIMIZED RULE BASED CONSTRAINTS FOR COLLABORATIVE FILTERING SYSTEMS					
<b>FILING FEE RECEIVED</b> 1720	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		